

INTERNATIONAL SEARCH REPORT

International Application No

PC1/JP2004/009049

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C209/58 C07C211/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25, 12 April 2001 (2001-04-12) & JP 2001 226329 A (NIPPON SHOKUBAI CO LTD), 21 August 2001 (2001-08-21) cited in the application abstract	1
A	HARVEY I W ET AL: "o-Nitroaniline derivatives. Part 11. 4- and 4-Amino-1H-benzimidazole- 3-oxides" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, CHEMICAL SOCIETY. LETCWORTH, GB, vol. 7, no. 7, July 1988 (1988-07), pages 1939-1943, XP002101102 ISSN: 0300-922X page 1940	1

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

17 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bedel, C

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/009049

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	AUST. J. CHEM., no. 24, 1970, pages 413-422, XP001203892 page 416, paragraph 4 -----	1
A	EP 0 120 575 A (NIPPON CATALYTIC CHEM IND) 3 October 1984 (1984-10-03) cited in the application the whole document -----	1
X	PATENT ABSTRACTS OF JAPAN vol. 0182, no. 01 (C-1188), 8 April 1994 (1994-04-08) & JP 6 001914 A (NIPPON TELEGR & TELEPH CORP <NTT>), 11 January 1994 (1994-01-11) cited in the application the whole document -----	5,6
X	EP 1 275 679 A (NIPPON CATALYTIC CHEM IND ; NTT ADVANCED TECH KK (JP)) 15 January 2003 (2003-01-15) cited in the application the whole document -----	5,6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/009049

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2001226329	A	21-08-2001	NONE	
EP 0120575	A	03-10-1984	JP 1417423 C	22-12-1987
			JP 59152361 A	31-08-1984
			JP 62024417 B	28-05-1987
			JP 1657554 C	21-04-1992
			JP 3013206 B	22-02-1991
			JP 60094919 A	28-05-1985
			JP 1365485 C	26-02-1987
			JP 60112763 A	19-06-1985
			JP 61032309 B	25-07-1986
			JP 1457733 C	09-09-1988
			JP 60112751 A	19-06-1985
			JP 63005023 B	01-02-1988
			DE 3478681 D1	20-07-1989
			EP 0120575 A1	03-10-1984
			US 4684734 A	04-08-1987
JP 6001914	A	11-01-1994	JP 3082879 B2	28-08-2000
EP 1275679	A	15-01-2003	JP 2003026799 A	29-01-2003
			JP 2003026800 A	29-01-2003
			CN 1397583 A	19-02-2003
			EP 1275679 A1	15-01-2003
			US 2003050407 A1	13-03-2003